

# Re: Bluetooth USB adapter

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- *From:* "Peter Baltus" <peterbaltus@xxxxxxxxxxx>
  - *Date:* Sun, 18 Dec 2005 09:38:57 +0100
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"Sven" <sejohannsen@xxxxxxxxxxx> wrote in message  
<news:uwvlt80AGHA.240@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

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> "Mike O'Brien" <mikeobriens@xxxxxxxxxxx> wrote in message

> <news:uO2ddEZAGHA.984@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

>> "Sean" <seanbxxx@xxxxxxxxxxx> wrote

>

>> Stream music?

>

> Nope. BT is a bit different than a regular wired or ethernet connection.

> It is based on profiles that define what sort of things can happen. There

> are Headset/handsfree profiles to work with headsets, like with a phone,

> there are OBEX (Object Exchange) profiles that provide the ability to send

> and receive files (objects), there are serial profiles that are used for

> things like GPS receivers and ActiveSync. To do audio, typically you would

> want what is called the Advanced Audio Distribution Profile, A2DP, which

> isn't supported on most PPCs. There is also a PAN, personal area network,

> profile that might be used to stream music, but I don't think it really

> has the bandwidth, nor is it set up to support that sort of thing on

> either the PC or PPC.

>

> If you want to stream music, you would be better of starting with WiFi.

Although this is generally true, there are ways around it. In fact, I stream music to my

PPC (Qtek s100) over bluetooth regularly. The way I do this is by establishing a

network connection (using the activesync over bluetooth link) and then either:

– use the webbrowser to find an internet radio station and stream to mediaplayer

– or use windows media encoder (free download from microsoft) on my PC (windows XP) and open the stream directly from the PPC mediaplayer using the

PC ip address and port number as defined in media encoder.

Bluetooth has indeed a lower datarate than WiFi (723kbps max), but for MP3 and similar audio streams, this is plenty. And if you use an IP network

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link, then it supports it as well as a WiFi link – which is to say, you will use the IP network in a way for which it wasn't intended or designed, and at which it isn't particularly good, but it will do a reasonable job nevertheless.

One advantage of BT over WiFi is that it typically uses a lot less power on the PPC side.

Peter

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• **References:**

- ◆ **[Bluetooth USB adapter](#)**  
    ◇ From: Mike O'Brien
- ◆ **[Re: Bluetooth USB adapter](#)**  
    ◇ From: Sean
- ◆ **[Re: Bluetooth USB adapter](#)**  
    ◇ From: Mike O'Brien
- ◆ **[Re: Bluetooth USB adapter](#)**  
    ◇ From: Sven

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